

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-94 (Cancelled).

95. (Currently Amended) A method for obtaining human T cells with enhanced biological replicative function and cytokine secretion comprising culturing ~~at least one of human osteoblasts, human osteoclasts, and human T cells~~ under physiologically acceptable liquid culture conditions, said conditions including replacement of a liquid culture medium at rate of from 50% to 100% daily replacement for a cell density of from  $1 \times 10^4$  to  $1 \times 10^7$  cells per ml of culture for more than one day and for a time sufficient to obtain human T-cells with enhanced biological replicative function and cytokine secretion,

wherein said enhanced biological replicative function and cytokine secretion is relative to the biological replicative function and cytokine secretion of the human T-cells that are cultured in a static culture; and

~~— wherein the enhanced biological function comprise enhanced replicative potential.~~

96. (Previously Presented) The method of claim 95, wherein the culture medium is continuously perfused at a ramped rate proportional to the lactate concentration and/or cell density to replace the culture medium without substantial dilution of the cell density.

97. (Currently Amended) The method of claim 95, wherein the human T-cells are cultured for at least 2 days.

98. (Currently Amended) The method of claim 95, wherein the culture medium contains at least 1 growth factor which stimulates the proliferation of the human T-cells.

Claims 99-113 (cancelled):